

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EM016026306US, on the date shown below in an envelope addressed to: MS PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: October 19, 2007 Signature: Linda Blake  
(Linda Blake)

Docket No.: PEPT-P01-006  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Kai W. Wucherpfennig

Application No.: 10/591,315

Confirmation No.: 9509

Filed: March 1, 2005

Art Unit: 1614

For: METHODS AND COMPOSITIONS FOR  
TREATMENT OF AUTOIMMUNE DISEASES

Examiner: Not Yet Assigned

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

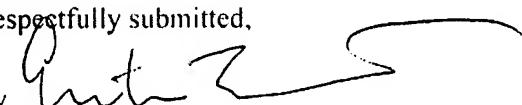
Dear Sir:

In response to the Notification of Missing Requirements of Application mailed April 20, 2007 (copy enclosed), Applicants respectfully submit a Declaration and Power of Attorney, revised Application Data Sheet, a Petition for Extension of Time and payment of the prescribed fee; payment for the surcharge, and excess claim fee payment.

Please charge our Deposit Account No. 18-1945 in the amount of \$1,120.00. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. PEPT-P01-006.

Dated: October 19, 2007

Respectfully submitted,

By 

Erika Takeuchi, Esq.

Registration No.: 55,661

ROPES & GRAY, LLP

1211 Avenue of the Americas

(212) 596-9000

(212) 596-9090 (Fax)

Attorneys/Agents for Applicant

10/24/2007 MKAYPAGH 00000067 181945 10591315

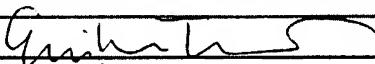
01 FC:2617	65.00 DA
02 FC:2615	25.00 DA
03 FC:2614	210.00 DA

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

<b>Effective on 12/08/2004.</b> <b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b>		<b>Complete if Known</b>	
<b>FEE TRANSMITTAL</b> <b>For FY 2008</b>		Application Number	10/591,315
<input checked="" type="checkbox"/> <b>Applicant claims small entity status. See 37 CFR 1.27</b>		Filing Date	September 1, 2006
		First Named Inventor	Kai Wucherpfennig
		Examiner Name	Not Yet Assigned
		Art Unit	1614
<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\$)</b> <b>1,120.00</b>	Attorney Docket No.	PEPT-P01-006

<b>METHOD OF PAYMENT</b> (check all that apply)					
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____					
<input checked="" type="checkbox"/> Deposit Account   Deposit Account Number: <u>18-1945</u>		Deposit Account Name: <u>Ropes &amp; Gray LLP</u>			
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)					
<input checked="" type="checkbox"/> Charge fee(s) indicated below		<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee			
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17		<input checked="" type="checkbox"/> Credit any overpayments			

<b>FEE CALCULATION</b>																					
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>																					
<b>Application Type</b>	<b>FILING FEES</b>		<b>SEARCH FEES</b>		<b>EXAMINATION FEES</b>																
	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>															
	Utility	310	155	510	255	210	105														
	Design	210	105	100	50	130	65														
	Plant	210	105	310	155	160	80														
	Reissue	310	155	510	255	620	310														
Provisional	210	105	0	0	0	0															
<b>2. EXCESS CLAIM FEES</b>																					
<b>Fee Description</b>																					
Each claim over 20 (including Reissues) <u>Fee (\$)</u> <u>Small Entity</u> <u>Fee (\$)</u> <u>Small Entity</u>																					
50      25																					
Each independent claim over 3 (including Reissues) <u>Fee (\$)</u> <u>Small Entity</u> <u>Fee (\$)</u> <u>Small Entity</u>																					
210      105																					
Multiple dependent claims <u>Fee (\$)</u> <u>Small Entity</u> <u>Fee (\$)</u> <u>Small Entity</u>																					
370      185																					
<table border="1"> <tr> <th><u>Total Claims</u></th> <th><u>Extra Claims</u></th> <th><u>Fee (\$)</u></th> <th><u>Fee Paid (\$)</u></th> <th><u>Multiple Dependent Claims</u></th> </tr> <tr> <td>21</td> <td>1</td> <td>25.00</td> <td>25.00</td> <td></td> </tr> </table>							<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>	21	1	25.00	25.00						
<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>																	
21	1	25.00	25.00																		
HP = highest number of total claims paid for, if greater than 20.																					
<table border="1"> <tr> <th><u>Indep. Claims</u></th> <th><u>Extra Claims</u></th> <th><u>Fee (\$)</u></th> <th><u>Fee Paid (\$)</u></th> </tr> <tr> <td>5</td> <td>2</td> <td>105.00</td> <td>210.00</td> </tr> </table>							<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	5	2	105.00	210.00							
<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>																		
5	2	105.00	210.00																		
HP = highest number of independent claims paid for, if greater than 3.																					
<b>3. APPLICATION SIZE FEE</b>																					
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$260 (\$130 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).																					
<table border="1"> <tr> <th><u>Total Sheets</u></th> <th><u>Extra Sheets</u></th> <th><u>Number of each additional 50 or fraction thereof</u></th> <th><u>Fee (\$)</u></th> <th><u>Fee Paid (\$)</u></th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">- 100 =</td> <td>/50 =</td> <td>(round up to a whole number) x</td> <td>=</td> </tr> </table>							<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>						- 100 =		/50 =	(round up to a whole number) x	=
<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>																	
- 100 =		/50 =	(round up to a whole number) x	=																	
<b>4. OTHER FEE(S)</b>																					
Non-English Specification, \$130 fee (no small entity discount)																					
Other (e.g., late filing surcharge): 2051 Surcharge-Late oath or declaration <u>Fee (\$)</u> <u>Small Entity</u> <u>Fee (\$)</u> <u>Small Entity</u>																					
65.00																					
2254 Extension for response within fourth month <u>Fee (\$)</u> <u>Small Entity</u> <u>Fee (\$)</u> <u>Small Entity</u>																					
820.00																					

<b>SUBMITTED BY</b>						
Signature				Registration No. (Attorney/Agent)	55,661	Telephone (212) 596-9479
Name (Print/Type)	Erika Takeuchi			Date	October 19, 2007	

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EM016026306US, on the date shown below in an envelope addressed to:  
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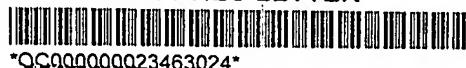
# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/591,315	Kal W Wucherpfennig	PEPT-P01-006
Ropes & Gray		INTERNATIONAL APPLICATION NO.
28120	APR 23 2007	PCT/US05/06822
FISH & NEAVE IP GROUP	I.A. FILING DATE	PRIORITY DATE
ROPE & GRAY LLP	03/01/2005	03/01/2004
ONE INTERNATIONAL PLACE		
BOSTON, MA 02110-2624	Intellectual Property Dept.	

CONFIRMATION NO. 9509

371 FORMALITIES LETTER



\*0C90000023463024\*

Date Mailed: 04/20/2007

## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/01/2006
- Preliminary Amendments filed on 09/01/2006
- U.S. Basic National Fees filed on 09/01/2006
- Priority Documents filed on 09/01/2006

File No.: PEPT-P01-006  
Action Desc: Respond to MP: Oath/Dec, Fees  
Due Date: 20Jun2007 / 20Nov2007  
By: *[Signature]*

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of **\$7060** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of **\$130** for a non-small entity, must be submitted with the missing items identified in this letter.

### SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$7190** for a Large Entity:

- **\$130** Surcharge.

- Total additional claim fee(s) for this application is **\$ 7060**

- **\$2400** for 12 independent claims over 3.
- **\$4300** for 86 total claims over 20.
- **\$360** for multiple dependent claim surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

**SHELBY J VIGIL**

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Telephone: (703) 308-9140 EXT 224

**PART 2 - OFFICE COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/591,315	PCT/US05/06822	PEPT-P01-006

FORM PCT/DO/EO/905 (371 Formalities Notice)

## Certificate of Express Mailing Under 37 CFR 1.10

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on October 19, 2007  
Date

Linda Blake

Signature

Linda Blake  
Typed or printed name of person signing Certificate

Registration Number, if applicable

(212) 596-9000

Telephone Number

**Note:** Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Fee Transmittal (1 page, in duplicate; total: 2 pages)  
Four Month Request for Extension of Time Under 37 CFR 1.136(a) (1 page, in duplicate; total: 2 pages)  
Response to Notification to Missing Requirements (1 page)  
Second Preliminary Amendment (8 pages)  
Copy of PTO Notification of Missing Requirements (2 pages)  
Declaration and Power of Attorney (5 sets; 5 pages each)  
Application Data Sheet (4 pages)  
Charge \$1,120.00 to deposit account no. 18-1945  
Return Receipt Postcard  
This Certificate of Mailing under 37 CFR 1.10